1. SHAYN, S. S.

2. USSR (600)

4. Grasses

7. Regional adaptation of the composition and sowing standards of grass mixture for cultivated meadows and pastures. Dost. sel'khoz. no N '52.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

SHAYN, S.

Grass-legume mixtures for forage crop ratations in meadows and pastures Moskva, Znanie, 1953. 31 p.

BEREZOVA, Ye.F., doktor biologicheskikh nauk; SHAIN, S.S., doktor
sel'skokhozyaystvennykh; REMPE, Ye.Kh., kandidat biologicheskikh
nauk.

Microflora of the root system of perennial grasses in pure and
mixed seedings. Trudy Vses.inst.sel'khoz.mikrobiol. 13:57-66 '53.
(Soil microorganisms) (Grasses)

SHAYN, S.S., professor, doktor sel'skokhozyaystvennykh nauk.

Substantial feeding stuffs is the basis of the development of socialist animal husbandry. Est.v shkole no.2:9-16 Mr-Ap '54.
(MLRA 7:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov im. V.R.Vil'yamsa.
(Feeding and feeding stuffs)

SHAIN, S.S.

Corn- a valuable fodder crop. Moskva, Ministerstvo Sovkhozov SSSR, 1955. 14 p.

ZHYUSSIO, F. [Jussiaux, Philippe]; LEBEDEVA, Yu.D. [translator]; SHAIN, S.S.,
prof., doktor sel'skokhozyaystvennykh nauk, nauchnyy red.;
BEDNARSKAYA, G.A., red.; PERESYPKIN, Z.D., tekhn. red.

[Corn; its cultivation and use] [Translated from the French]
Kukuruza; ee vozdelyvanie i ispol'zovanie. Nauchnaia red. i vstup.
stat'ia S.S. Shaina. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956.
78 p.   (MIRA 11:8)

                         (Corn (Maize))

YESAULOV, P.A., kandidat sel'skokhozyaystvennykh nauk; ALIKAYEV, V.A.,
    kandidat veterinarnykh nauk; GRUDEV, D.I., kandidat sel'skokhozyay-
    stvennykh nauk;DOROKHOV, S.M.; TARANOV, G.F., kandidat sel'sko-
    khozyaystvennykh nauk; FANDEYEV, B.V., kandidat sel'skokhozyaystven-
    nykh nauk; SHAIN, S.S., professor; PETROVSKAYA, A.P., redaktor;
TATAPOV, M.I., tekhnicheskiy redaktor

[Fundamentals of stockbreeding; a textbook for students in secondary
rural schools] Osnovy zhivotnovodstva; uchebnoe posobie dlia ucha-
shchikhsia sel'skoi srednei shkoly. Pod red. P.A.Esaulova. Moskva,
Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR,
1956. 294 p.   (MLRA 10:1)

1. Starshiy spetsialist Ministerstva sel'skogo khozyaystva SSSR
(for Dorokhov)
        (Stock and stockbreeding)

SHAIN, S.S., doktor sel'skokhozyaystvennykh nauk.

Perennial grass strips in crop rotations in steppe areas. Nauka i
pered. op. v sel'khoz. no.9:11-14 S '56.   (MLRA 9:10)
                    (Grasses) (Rotation of crops)

Sintsov, S.S., dokter sel'skokhozyaystvennykh nauk, professor.

Reinforcing the slopes of railroad earth roadbeds by planting grass. Trudy TSNIIS no.18:85-110 '56.   (MLRA 9:10)
(Railroads--Earthwork) (Soil binding)

SHAIN, S.S., doktor sel'skokhozyaystvennykh nauk.

Effect of the quality and quantity of light on the development of perennial and annual forage plants. Dokl.Akad.sel'khoz.21 no.12: 9-14 '56.
(MLRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa. Predstavlena akademikom A.A.Avakyanom.
(Plants, Effect of light on)   (Forage plants)

SHAIN, Solomon Samuilovich, doktor sel'skokhozyaystvennykh nauk, professor; KATSHEL'SON, S.M., redaktor; GUBIN, M.I., tekhnicheskiy redaktor

[Increasing the yield of perennial grasses] Povyshenie urozhainosti mnogoletnikh trav. Moskva, Izd-vo "Znanie," 1957. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii.
Ser. 5, no.4)   (MIRA 10:4)

(Grasses)

PEREDEL'SKIY, A.A.; SHAYN, S.S.; KARAVYANSKIY, N.S; NIKOLAYEV, G.V.

Dispersion of radioisotopes in soils by earthworms (Lumbricidae).
(MIRA 13:11)
Dokl. AN SSSR 135 no.1:185-188 N'60.

1. Institut biologicheskoy fiziki AN SSSR i Vsesoyuznyy nauchno-
issledovatel'skiy institut kormov im.V.R.Vil'yamsa. Predstavleno
akademikom K.I.Skryabinym.
          (EARTHWORMS) (RADIOISOTOPES)

SHAYN, S. S,; SHIRSHOV, V. A.

"The Movement Of Phosphorus, Calcium and Sulphur Between Herbaceous
Plants Through Their Root Systems"
To be presented at the Symposium on the Use of Radioisotopes
in Soil-Plant Nutrition Studies, Bombay, 26 February - 2 March 1962.

All-UnionFodder Research Institute, Moscow, USSR

YESAULOV, Petr Aleksandrovich; SHAIN, Solomon Samuilovich; PETROVSKAYA, L.A.,
redaktor; NATAPOV, M.I., tekhnicheskiy redaktor

[Principles of animal husbandry; textbook for ninth-grade students
in rural schools] Osnovy zhivotnovodstva; uchebnoe posobie dlia
uchashchikhsia IX klassov sel'skikh shkol. Moskva, Gos.uchebno-
pedagog. izd-vo M-va prosv. RSFSR, 1957. 191 p.   (MLRA 10:10)
        (Stock and stockbreeding)

"Combined Use of Radioactive Phosphorus and Calcium by Food Plants," by S. S. Shain, Doctor of Agricultural Sciences; V. M. Kashmanova; M. A. Mel'nikova; and A. V. Motova, All-Union Scientific Research Institute of Fodder imeni V. R. Vil'yams, Doklady Vsesoyuznoy Ordena Lenina Akademii Sel'skokhozyaystvennykh Nauk imeni V. I. Lenina, No 1, 1957, pp 15-23

A number of experiments were conducted to establish, the interrelationship between the use of nutritive substances by food plants when sown in pure form and in mixed form. Radioactive phosphorus and calcium absorbed through root systems were used for this purpose.

Results indicated that the phosphorus and calcium that were absorbed by the roots were partially secreted into the soil and became accessible to the surrounding plants of the same or of different species. A part of the food substances absorbed by the various plants, was secreted from the root system and served as food for both the various microorganisms and for the adjoining plants of various species. The intimate intertwining of roots of grasslike plants in the soil evidently is significant not only for the improved use by plants of nutritive substances from the soil, but also for a more complete reciprocal use of root secretions. (U)

USSR/Farm Animals - General Problems.

Abs Jour   : Ref Zhur - Biol., No 7, 1958, 30901

Author   : Shain S.S., Voskoboynikova N.A.
Inst   : -
Title   : The Nutritiousness of Red Clover Hay and of the Clover-
               Timothy Grass-Mixture.
               (Pitatel'nost' sena klevera krasnogo i klevero-timofcye-
               chnoy travosmesi).

Orig Pub   : Zhivotnovodstvo, 1957, No 4, 56-59.

Abstract   : The profitableness of sowing the clover-timothy mixture,
               as compared with the sowing of pure clover and timothy,
               is pointed out. The crop of the hay of the clover-
               timothy mixture surpassed the crop of the clover hay
               (from the same area) as to feed units, by 76%, and as
               to digestible protein, almost by 40%.

Card 1/1

- 8 -

SHAIN, S.S.,doktor sel'skokhozyaystvennykh nauk, professor; KASHMANOVA, V.M. aspirant; MEL'NIKOVA, M.A., aspirant; MOTOVA, A.V., aspirant.

Correlation between forage plants in nutrient utilization. Nauka i pered.op. v sel'khoz. 7 no.2:47-50 F '57. (MLRA 10:3) (Forage plants) (Plants--Nutrition)

SHAIN, S.S., doktor sel'skokhozyaystvennykh nauk; KASHMANOVA, M.A.; MEL'NI-
KOVA, M.A.; MOTOVA, A.V.

Simultaneous use of radioactive phosphorus and calcium by forage
plants. Dokl.Akad.sel'khoz.22 no.1:15-23 '57.   (MLRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R.
Vil'yamsa. Predstavlena akademikom M.A.Ol'shanskim.
    (Forage plants) (Phosphorus)   (Calcium)

SERGEYEV, P.A.; SHAIN, S.S.; KONSTANTINOVA, A.M.; GERASIMOVA, A.I.; MINYAEVA, O.M.; FEDOSEYEV, B.V.; TULIN, N.S., red.; GOR'KOVA, Z.D., tekhn. red.

[Growing red clover] Kul'tura krasnogo klevera. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 541 p. (MIRA 11:10)
(Clover)

SHAIN, S.S.,doktor sel'skokhozyaystvennykh nauk; MEL'NIKOVA, M.A.

Space arrangement for legumes and grasses sown in mixtures
within field crop rotations. Dokl.Akad.sel'khoz. 21 [i.e.23]
no.12:9-15 '58.   (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni
V.P.Vil'yamsa. Predstavleno akademikom I.V.Larinym.
   (Legumes) (Grasses) (Plants, Space arrangement of)

SHAIN, S.S.

[Cultivation practices for perennial grasses; grassland farming] Agrotekhnika mnogoletnikh trav; polevoe travoseianie. Moskva. Gos.izd-vo sel'khoz.lit-ry, 1959. 260 p.   (MIRA 13:8)

(Forage plants)

SHAIN, S.S.

Extending the cultivation of Roegneria fibrosa (Schrenk) Nevski in regions of the European part of the U.S.S.R. Trudy Bot.inst. Ser.6 no.7:233-235 '59.   (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov im. V.R.Vil'yamsa, Lugovaya.
                  (Roegneria)

SHAIN, S.S., doktor sel'skokhozyaystvennykh nauk, prof.;KASHMANOVA, V.M.,
nauchnyy sotrudnik

Role of perennial grass roots penetrating into subsoil. Zemledelie
7 no.11:56-61 N '59   (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V. R.
Vil'yamsa (for Shain). 2. Ivanovskaya oblastnaya sel'skohozyayst-
vennaya opytnaya stantsiya (for Kashmanova).
          (Grasses) (Roots(Botany))

SHAYN, S.S., doktor sel'skokhozyaystvennykh nauk

Spring care and dressing of perennial grasses with mineral
fertilizers. Zhivotnovodstvo 21 no.3:41-43   Mr '59.
(MIRA 12:4)

1. Vsesoyuznyy nauch-issledovatel'skiy institut kormov imeni
V.R. Vil'yamsa.   (Grasses--Fertilizers and manures)

SHAIN, S.S., doktor sel'skokhozyaystvennykh nauk

Getting several harvests from clover grass mixtures in the non-Chernozem zone. Dokl. Akad. sel'khoz. 24 no.11:13-18 '59 (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa. Predstavlena akademikom M.A. Ol'shanskim.
     (Hay--Harvesting)

SHAIN, S.S.

"The Effect of Quality and Quantity of Light on Development
of Forage Plants."

All-Union Scientific Research Inst. of Fodder im. V.R.Vil'yams, Lobniya, Moscow Oblast'
report to be presented at the 8th Intl Grassland Congress, Reading, England, 11-21 Jul '60

SHAIN, Solomon Samuilovich, prof., doktor sel'skokhoz.nauk; STAROSTENKOVA,
M.M., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[Light and the development of plants] Svet i razvitie rastenii.
Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po
rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.8, Biolo-
giia i meditsina, no.13). (MIRA 13:8)
(Plants, Effect of light on)

YESAULOV, P.A.; SHAIN, S.S.; SATEKOVA, M., otv. po vypusku;
RAMAZANOV, Ye., red.; LITVINOV, V., tekhn. red.

[Fundamentals of stockbreeding; textbook for students of the
9th grade in rural schools] Mal sharuashylygy negizderi; auyl-
selo mcktcbinin IX klasyna arnalgan oku kuraly. Alma-Ata,
Kazaktyn memlekettik oku-pedagogika baspasy, 1960. 197 p.
(MIRA 15:3)

(Stock and stockbreeding)

SHAIN, S.. prof., doktor sel'skokhozyaystvennykh nauk

Scientist, teacher and public figure. NTO 3 no.2:56-57 F '61.
(MIRA 14:3)

(Andreev, Nikolai Gavrilovich)

SHAIN, S.S., prof., doktor sel'skokhozyaystvennykh nauk

Plants and light. Nauka i zhizn' 28 no. 2:52-56 F '61.
(MIRA 14:2)

(Plants, Effect of light on)

SHAIN, Solomon Samuilovich, doktor sel'skokhoz. nauk, prof.; LEONOVA,
T.S., red.; RAKITIN, I.T., tekhn. red.

[Feeds are the decisive factor]Vse reshaiut korma. Moskva, Izd-
vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. V Se-
riia: Sel'skoe khoziaistvo, no.16)   (MIRA 15:9)
(Feeds)

SHAIN, S.S., prof., doktor sel'skokhozyaystvennykh nauk; TYAMIN, V.V., nauchnyy sotrudnik

High nutritive value of field peas and other forage crops sown in summer. Zhivotnovodstvo 23 no.7:53-55 Jl '61. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa (for Tyamin).
(Forage plants)

SHAIN, S.S., prof.; BOGDANOV, P.I.; KASHMANOV, A.A.; KOSAREVA, Ye.G., KOSOBOKOV, G.I.; KUZNETSOVA, G.K.; MOTOVA, A.V.; TRUSOVA, N.R.; TYAMIN, V.V.; KOREYSHO, Ye.G., red.; BALLOD, A.I., tekhn. red.; PROKOF'YEVA, L.N., tekhn. red.

[Light and the development of plants]Svet i razvitie rastenii. [By] S.S.Shain i dr. Moskva, Sel'khozizdat, 1963. 622 p.
(MIRA 16:9)

(Plants, Effect of light on)

SHAIN, Solomon Samuilovich; SHULEYKIN, P.A., red.; RAKITIN, I.T.,
tekhn. red.

[Feed production without grassland crop rotation]Kormo-
proizvodstvo bez travopol'ia. Moskva, Izd-vo "Znanie,"
1963. 56 p. (Narodnyi universitet kul'tury: Sel'skokho-
ziaistvennyi fakul'tet, no.3) (MIRA 16:4)
(Feeds)

SHAIN, S.S., prof., doktor sel'skokhozyaystvennykh nauk

Increasing production of feeds and the intensification of
agriculture. Zemledelie 25 no.1:29-35 Ja '63.   (MIRA 16:4)

1. Zamestitel' direktora po nauchnoy chasti Vsesoyuznogo
nauchno-issledovatel'skogo instituta kormov imeni V.R.Vil'yamsa.
                (Feeds)   (Agriculture)

SHIRSHOV, V.A.; SHAIN, S.S.

Heterogeneity of the various levels of some herbaceous perennial leguminous plants. Bot. zhur. 48 no.11:1674-1678 N '63.
(MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov, pochtovoye otdeleniya Lugovaya Moskovskoy oblasti.

SHAIN

S.S.Shain; an obituary. Zemledelie 25 no.4:96 Ap '63.
(Shain, Solomon Samuliovich, 1903-1963)

(MIRA 16:5)

VOSHCHININ, P.A., kand. sel'khoz.nauk; GRINCHUK, I.M., inzh.;
ZHURAVLEV, A.A., kand. sel'khoz. nauk; KARAVYANSKIY,
N.S., kand. sel'khoz. nauk; SHAIN, S.S., doktor sel'-
khoz. nauk, prof.[deceased]; YATSUK, Ye.P., kand. tekhn.
nauk; ANTONOVA, M.M., red.; GINZBURG, A.S., tekhn.red.
KOBYAKOVA, G.N., tekhn. red.

[Seed production of meadow grasses] Semenovodstvo lugovykh
trav. [By] P.A.Voshchinin i dr. Moskva, Sel'khozizdat,
1963. 151 p.   (MIRA 17:4)

SHIRSHOV, V.A., kand. sel'skokhoz. nauk; SHAIN, S.S.

Use of the radioactive isotope of phosphorus P^{32} for the biological evaluation of the quality pollination of plants of the clones of perennial legumes. Agrobiologiia no.6:873-878 N-D '64.
(MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov, Moskov-skaya oblast', stantsiya Lugovaya.

AUTHOR: Shain, Ya.S.

TITLE: The Effect Exerted by a Shear Force on the Deformation of a Beam (Vliyaniye pererezyvayushchey sily na deformatsiyu balok)

PERIODICAL: Sb. Mosk. in-t stali, 1957, Vol 36, pp 441-451

ABSTRACT: Under usual assumptions a coefficient is calculated for the formula allowing for the influence of a shearing force on the deflection of I-beams, box beams, and hollow circular-cross-section beams. The results obtained are not new.

V. F. Karavancv

Card 1/1

1. Beams--Deformation 2. Beams--Mathematical analysis

SHAIN, Ya.S., inzh.

An error in the Caswell-A formula defining the deflection of rolls.
Izv. vys. ucheb. zav.; chern. met. no.4:163-169 Ap '58.
(MIRA 11:6)

1. Moskovskiy institut stali.
(Rolls (Iron mills))

AUTHOR: Shain, Ya.S. (Moscow)

TITLE: Determination of strain in thick-walled cylinder

PERIODICAL: Inzhenernyy zhurnal. v.2, no.3; 1962, 99-108

TEXT: The problem of strains in an elastic short thick-walled circular cylinder, subjected to external axially non-symmetrical loads on its side surface is solved by the method of Filonenko-Borodich, using the binomial-cosine functions suggested by him. All the results are brought to a sufficiently explicit form to be directly applicable to many practical cases. There are 3 figures.

SUBMITTED: October 3, 1961

Card 1/1

SHAIN, Ya.S.

Design of iron mill rolls for strength and toughness. Izv. vys.
ucheb. zav.; chern. met. 6 no.5:81-89 '63. (MIRA 16:7)

1. Moskovskiy institut stali i splavov.
(Rolls (Iron mills))

SHAYN, E.

Tarasevich Central State Sci. Control Inst., (1944)

"On employment of nicotinic acid in producing of the dysenteric vaccines,"

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 12, 1944

SHAYNES
CA

11 C

Effect of methylcholanthrene on the growth of Eberthella typhosa. A. Kuzin and E. Shain. *Zhur. Mikrobiol., Epidemiol. Immunobiol.* 1945, No. 6, 43–6.—Direct contact of bacteria with methylcholanthrene increased the dry wt. of the cultures and the growth of individual cells. With methylcholanthrene acting through quartz glass (mitogenetic radiation), there was a slight increase in growth during the first hours of exposure, followed by a depression of growth with more prolonged exposure. No morphological changes in the cells were observed.

K. Starr Chester

ASM SLA   METALLURGICAL LITERATURE CLASSIFICATION

CHERTKOVA, F.A.; SHAIN, Ye.S.; LEVCHENKO, L.A.

Effectiveness of combined vaccination against diphtheria and tetanus
depending on preceding immunization. Zhur.mikrobiol.spid. i immun.
27 no.4:49-55 Ap '55.   (MIRA 9:7)

1. Iz Gosudarstvennogo kontrol'nogo instituta vaktsin i syvorotok
imeni Tarasevicha
        (VACCINES AND VACCINATION
            dephtheria combined with tetanus, eff. of preceding
        immun.)
        (DIPHTHERIA, prev. & control
            vacc., combined with tetanus, eff. of preceding immun.)
        (TETANUS, prev. & control
            vacc., combined with diphtheria, eff. of preceding immun.)

SHAIN, E.S.

USSR/ Microbiology. Microorganisms Pathogenic   F-5
          to Humans and Animals

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24259

Author : Chertkova, F. A., Shain, E. S.
Inst   : Not given
Title   : Revaccination Against Tetanus.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiologii, 1957,
          No 2, 50-54

Abstract: The more rational method of prophylaxis for those
          vaccinated against tetanus was discussed--whether
          by serum alone or by serum with toxoid. It was
          shown on rabbits, pre-immunized by tetanus toxoid,
          that in the first days after a remote revaccina-
          tion by toxoid, the organism is deficient in suffi-
          cient antitoxin for protection from tetanus.
          Simultaneous administration of serum and toxoid,

Card 1/2

          to Humans and Animals

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24259

Abstract: although it leads to a somewhat lower antitoxin
          titer at first than when the serum alone is admin-
          istered (and still sufficient for protecting the
          organism from tetanus), yields a marked increase
          of antitoxin titer after several days due to the
          immunogenic action of toxoid. Rabbits to which
          serum alone was administered showed a markedly
          lower antitoxin titer by this time.

Card 2/2

SHAIN, Ya.S.

Design of couplings fastening the sleeve to the stand of an electric steel smelting furnace. Izv. vys. ucheb. zav.; chern. met. 5 no.3:179-183 '62.   (MIRA 15:5)

1. Moskovskiy institut stali.
    (Electric furnaces—Design and construction)

1549. MORPHOLOGICAL PROPERTIES OF OVARY THECA TISSUE IN THECA
CELL TUMOURS (Russian text) - Shainin P. I. - VOPR.ONKOL. 1958.
4/3 (332-336) Illus. 2

A detailed study of thecomas revealed that these tumours are regularly associated
with a diffuse and focal hyperplasia of theca cells, both in the affected and unaf-
fected ovary. Two case histories are presented as examples. It is probable that
these parallel neoplastic and hyperplastic changes of theca cells are produced by
a general hormonal imbalance.   Wilson - Dearborn, Mich. (V, 10, 16)

1. SHATSKIY, A. M.

2. USSR (600)

4. Geology - Bizhbulyak District

7. Report on the work of the electric geophysical exploration party No. 22/44 in the Bizhbulyak District of the Bashkir A. S. S. R. /Abstract./ Izv. Glav. upr. geol. fon. no. 3. 1947.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

SHAINSKIY, A.M. [Shainskyi, O.M.]; GAMAN, B.O. [Haman, B.O.]

Using the electric method in prospecting for water contained in Cretaceous marls of the Lvov trough. Geol. zhur. 19 no.4:103-107 '59.   (MIRA 13:1)

(Lvov Province--Marl) (Electric prospecting)

REPINA, A., inzh.; SHAINSKIY, G., inzh.

New production techniques and equipment of small packing houses.
Mias. ind. SSSR. 30 no.4:18-19 '59.   (MIRA 12:12)

1.Mosoblsovnarkhoz (for Repina).
(Moscow Province--Packing houses--Equipment and supplies)

ACC NR: AP7003849   (A)   SOURCE CODE: UR/0122/67/000/001/0061/0063

AUTHOR: Shainskiy, M. Ye. (Engineer)

ORG: none

TITLE: On selecting conditions for vibration grinding and polishing

SOURCE: Vestnik mashinostroyeniya, no. 1, 1967, 61-63

TOPIC TAGS: grinding, mathematic model, motion picture camera, electronic computer, friction coefficient/ SKS-1m motion picture camera

ABSTRACT: This paper presents a discussion of the results obtained in an experimental study of vibration grinding and polishing. The work involved high-speed motion picture photography. Some of the theoretical and experimental data were presented earlier by M. Ye. Shainskiy, I. N. Kartashov, and M. N. Naysh (Vibratsionnoye shlifovaniye i polirovaniye detaley, Vestnik mashinostroyeniya, 1965, No. 9). The grinding materials were simulated by round steel shot with a diameter of 1.5 mm, and the parts to be ground were simulated by mineral-ceramic plastics of TsM332 material, weighing 2.5, 5, 10, and 20 g. An SKS-1m motion picture camera was used at a speed of 1500--2000 frames/sec. A transparent plastic tank was mounted on the vibrating platform. The trajectories of the grinding balls (I) and of the parts being ground (II) were obtained on the basis of the experiments (see Fig. 1). Eight different sets of

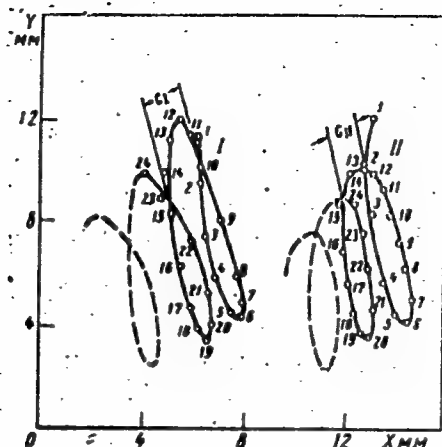UDC: 621.923.048.6.001.5

Card 1/2

ACC NR: AP7003849

Fig. 1. 1—24 - points of successive measurements at every 0.0015 sec; c_I - grinding balls; c_{II} - part being ground

conditions for vibration grinding were investigated and appropriate formulas were derived. Orig. art. has: 10 formulas and 3 diagrams.

SUB CODE: 13,14/ SUBM DATE: none/ ORIG REF: 002

Card 2/2

SHAINSKIY, M. Ye., inzh.; TSYGANOVSKIY, B. M., inzh.

Semiautomatic face-milling machine. Mashinostroenie no.5:10
S-0 '62.   (MIRA 16:1)

1. Luganskiy teplovozostreitel'nyy zavod.

(Milling machines)

SHAINSKIY, M.Ye.

Machine for bending facing of diesel locomotive windows.
Mashinostroenie no.1:112   Ja-F '63.   (MIRA 16:7)

(Bending machines)

SHAINSKIY, M.Ye., inzh.; TSYGANOVSKIY, B.M., inzh.; MOGIL'NYY, N.I., inzh.

Semiautomatic machine for milling center flanges in bolts, rollers, and pins. Mashinostroenie no.6:64-66 N-D '63.

SHAINSKIY, M.Ye., inzh.; LEVCHENKO, A.N., inzh.

Machining of part surfaces in vibratory units. Mashinostroenie
no.1:28-31 Ja-F '64.   (MIRA 17:7)

L 11972-66   EWT(m)/EWP(t)/EWP(b)   JD

ACC NR: AP5028986   SOURCE CODE: UR/0122/65/000/009/0064/0068

AUTHORS: Shainskiy, M. Ye.(Engineer); Kartashev, I. N. (Professor); Naysh, M. N.
(Engineer)

ORG: none

TITLE: Vibration grinding and polishing of parts

SOURCE: Vestnik mashinostroyeniya, no. 9, 1965, 64-68

TOPIC TAGS: metalworking, vibration, vibration effect, metal polishing, metal
finishing, copper sulfate, nonmechanical metal removal, GRINDING, ABRASIVE

ABSTRACT: Some aspects of vibration grinding and polishing are discussed. The
polishing action is the result of the relative velocities of the particles and the
parts. In the past, the motion of the vibrating reservoir has been made elliptical.
The most effective abrasive action takes place over only about 0.1 of the period,
giving a vibrational efficiency of $\approx$ 15% for this type of a device. By making the
trajectory of the reservoir a circle, the efficiency can be increased to 70--75%.
The abrasive force for such a case is derived as

$$P_a = i m A \omega^2$$

(where m = mass of polished part; A and ω = amplitude and frequency of reservoir

                                                    UDC: 621.924.61.7
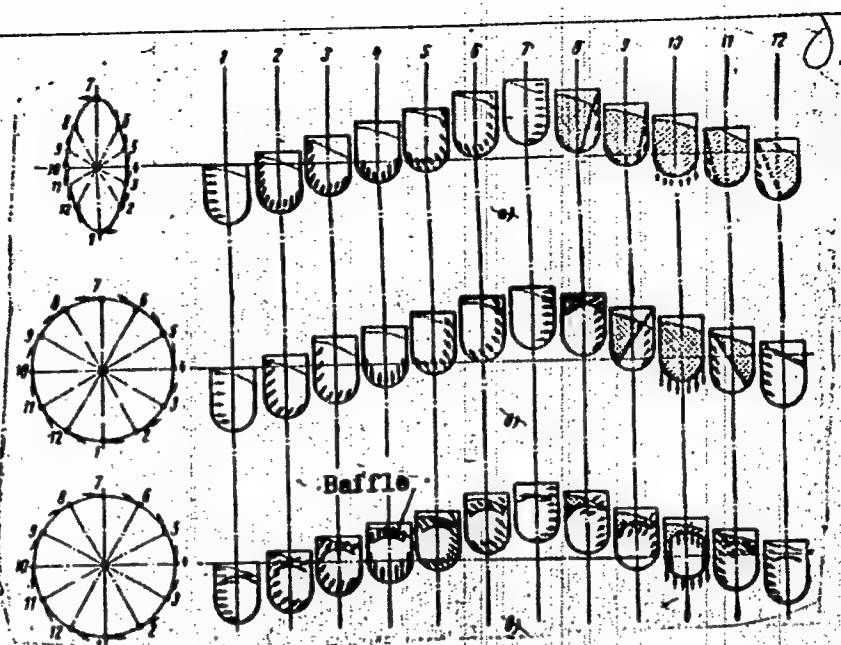
Card 1/3

L 11972-66

ACC NR: AP5028986

vibration; ε = characteristic constant for the damping and frictional properties of the load, including parts, abrasive particles, and chemicals). Presently, frequencies of up to 3000 cpm and amplitudes of 6—7 mm can be used. Figure 1 shows the actions of the reservoir walls on the charge for elliptical and circular motions, with a baffle installed in the reservoir. Preliminary tests with baffles show that the efficiency can be increased to 90—95% and capacity by factors of 2—3. The recommended abrasive particle size is shown to be χ = L min/5 (where L_{min} = minimum dimension of part to be polished). A new modification of the process uses a compound in the charge, which reacts chemically with the metal of the part and speeds up the polishing. For example, using $CuSO_4$ in the charge to machine steel, the time required to remove 15 mg/cm^2 can be reduced from 1 hour (without $CuSO_4$) to 5—10 minutes. Although the cost of this chemi-mechanical process increases by a factor of 2—3, the capacity is increased by a factor of 10. A finish of class 10—12 can be obtained by the above methods.

Card 2/3

L 11972-66

ACC NR: AP5028986

Fig. 1. Reservoir tra-
jectories and forces on
the charge.

Orig. art. has: 5 figures and 7 formulas.

SUB CODE: 13/ SUBM DATE: none

Card 3/3

SHAINSKIY, Ya. B.

PHASE 3 BOOK EXPLOITATION   SOV/5153

Garmonov, I.V., and B. S. Korshakov, Resp. eds.

Sintez kauchuka dlya proizvodstva sinteticheskogo kauchuka (Synthesis of Monomers for the Production of Synthetic Rubber) Leningrad, Goskhimizdat, 1960. 250 p. Errata slip inserted. 4,500 copies printed.

Sponsoring Agencies: Gosudarstvennyy komitet Soveta Ministrov SSSR. Upravleniye khimicheskoy i neftianoy promyshlennosti i VNIISK.

Ed.: R.A. Zeats and Ya. 1. Engr. Tech. Ed.: T.A. Fomina.

PURPOSE: This book is intended for scientists, engineers, and technicians working in the synthetic rubber, plastics, and petroleum refining industries, and in scientific research institutes affiliated with these industries.

COVERAGE: The book contains articles which report on research carried out at the Nauchno-issledovatel'skiy institut sinteticheskogo kauchuka imeni Akademika S.V. Lebedeva (Scientific Research Institute for Synthetic Rubber imeni Academician S.V. Lebedev) and the Gosudarstvennyy proyektnyy institut Giprokauchuk i VNIISK.

(State Scientific Research and Design Institute of the Synthetic Rubber Industry) in the synthesis of isoprene, styrene, acetylene, acetaldehyde, and other initial products for synthetic rubber production. The articles also discuss methods of extracting these products from their respective media. No personalities are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

SHAINSKIY, YA. B.

S/081/61/000/020/070/089
B126/B147

AUTHORS: Morina, I. N., Vinogradova, N. P., Davydov, A. N., Kornilova, N. S., Konetspol'skiy, L. I., Listopadov, M. V., Starostina, Ye. S., Chernysheva, R. K., Shainskiy, Ya. B.

TITLE: Separation of acetylene from pyrolysis gases, using dimethyl formamide as absorbent

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1961, 317, abstract 20L9 (Sb. "Sintez monomerov dlya proiz-va sintetich. kauchuka", L., Goskhimizdat, 1960, 207-215)

TEXT: A scheme for separating concentrated C_2H_2 from gases produced by high-temperature pyrolysis of hydrocarbons, using dimethyl formamide as absorbent, was developed and checked on a test unit. The optimum conditions for the process were established which ensure a virtually complete extraction of C_2H_2 from pyrolysis gases and a yield of concentrate containing 98 to 99 % by volume of C_2H_2. [Abstracter's note: Complete translation.]

Card 1/1

SHAINSKIY, Ya.B.; FEYGIN, A.B.

Ways of improving the production of synthetic ethyl alcohol by the
direct hydration of ethylene. Zhur.VKHO 6 no.1:63-68 '61.

(MIRA 14:3)

(Ethyl alcohol) (Ethylene)

BASIYEV, I.M.; SHAINSKIY, Ya.B.

Methods for the elimination of heat during high-speed low-temperature polymerization of butadiene with styrene in emulsions. Kauch. i rez. 23 no.7:24-28   Jl '64.

(MIRA 17:8)

1. Gosudarstvennyy proyektnyy i nauchno-issledovatel'skiy institut promyshlennosti sinteticheskogo kauchuka.

L 63581-65   EPF(c)/EWP(j)/EWT(m)/T   Pc-4/Pr-4   RM

ACCESSION NR: AP5017376   UR/0138/64/000/007/0024/0028

AUTHOR: Basiyev, I. M.; Shainskiy, Ya. b.

TITLE: Methods of withdrawing heat in the high-speed, low-temperature process of
polymerization of butadiene with styrene in emulsions

SOURCE: Kauchuk i rezina, no. 7, 1964, 24-28

TOPIC TAGS: butadiene, polystyrene, emulsion, heat of reaction, low temperature,
phenomenon, polymerization

ABSTRACT: Methods of high-speed, low-temperature (5°C) polymerization of
butadiene with styrene in an emulsion, providing for conducting the reaction
in 2-2.5 hours or less, are being developed. The design of the apparatus
for the production of "cold" rubber must provide for rapid elimination of
heat from the reaction. The following variants were investigated to solve
the question of the withdrawal of the heat of reaction of cold polymeriza-
tion in emulsions at high speeds and 1-3 hour durations of the process:
1) removal of heat from the reaction with ice, produced by freezing part
of the aqueous phase, 2) removal heat by evaporation of butadiene from the
charge with condensation and return of the condensate to the reaction zone;

Card 1/2

L 63581-65
ACCESSION NR: AP5017376

3) an adiabatic system, 4) isothermal polymerization in a shell-and-tube reactor with a branched cooling surface and intensive circulation of the emulsion. It was found that all four variants can provide for high-speed cold emulsion polymerization of butadiene with styrene. The adiabatic system of operation of the reactors with intermediate coolers seems to be the variant most accessible for implementation, since high-speed cold polymerization can be used with existing reactors.
  Orig. art. has 10 formulas, 2 tables.

ASSOCIATION: Giprokauchuk

SUBMITTED: 00   ENCL: 00   SUB CODE: TD, MT

NR REF SOV: 000   OTHER: 006   JPRS

Card 2/2

SHAIRO, E.I., Cand Med Sci -- (diss) "On the characteristics of goitre endemia in Gornyy Altay." Len-Gorno-Altaysk, 1956, 20 pp, (State Order of Lenin Inst for the Advanced Training of Physicians im S.M. Kirov. Gorno-Altaysk Regional Hospital) 100 copies (KL, 36-59, 120)

- 113 -

SHAIRO, E.I.

Acute appendicitis. Sov.med. 21 no.3:94-97 Mr '57.   (MIRA 10:7)

1. Iz khirurgicheskogo otdeleniya Gornoaltayskoy oblastnoy
bol'nitsy (glavnyy vrach P.V.Larkin)
        (APPENDICITIS
                diag. & ther. in acute cases)

MAGDIYFV, R.A.; SABOTAYFVA, Z.K.; SHAISLAMOVA, M.A.

Some characteristics of the distribution of radioactive elements in the rocks of the Aktau granitoid massif. Uzb. geol. zhur. 8 no.4:45-52 '64. (MIRA 18:5)

1. Institut geologii i geofiziki imeni Abdullayeva AN UzSSR.

SHAISHMELASHVILI, V. N.

Shaishmelashvili, V. N. — "Certain problems of the theory of a thin, completely slanting, spherical envelope", Soobshch. Akad. nauk Gruz. SSR, 1948, Nos. 9-10, p. 575-82.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

SHAISHMELASHVILI, V. N.

26337 K roprosu o raschete mezhduztazhnogo perekrytiya tipa tonkostennoy
sfericheskoy obolochki. Soobshch. Akad. Nauk gruz. SSR, 1949, No. 4, s. 215-22.

SO: LETOPIS' NO. 35, 1949

ŠAIŠMELAŠVILI, V. N.

Šaišmelašvili, V. N. Approximate computation of a suffi-
ciently sloping spherical shell with a given deformation
of the contour. Soobščeniya Akad. Nauk Gruzin. SSR.
10, 609–614 (1949). (Russian)

The author considers a shell as in the title (i.e., open shell
of small curvatures) with rectangular contour when pro-
jected on a plane. All four vertices are fixed in ball shape
supports which act as hinges. The convex side of the shell
is upside. The two simultaneous differential equations de-
termining the stress function and the normal deflections for
this kind of a shell are given and referred to the author's
previous works [cf. same Soobščeniya 10, 397–403 (1949)].
The given deformations on the contour follow the sine law.
The author uses the method of finite differences, dividing
the middle surface of the shell into sixteen rectangles. He
sets his boundary-value problem in finite difference form
and solves it easily. He claims that the error is less than 6%.
The general theory is followed by an example of a square
spherical shell. All the stresses and displacements for the
chosen points are tabulated, and the vertical deflections for
three shells of different curvatures are graphically illus-
trated. The formulas found for the example were used to
find the stresses in a concrete shell whose dimensions and
elasticity constants are given. It was found that for the
chosen displacement (which seemed small) the tensile stress
in a vertex exceeds the strength of material limit.
                    T. Leser (Lexington, Ky.).

SO MATH. REV, VOL.14, NO9, OCT. 1953, PP.831-934 - UNCLASSIFIED

SHAISHMELASHVILI, V.N.

Calculating sloping envelopes of varying curvature [in Georgian with summary in Russian]. Trudy Inst. stroi. dela AN Gruz. SSR 3:61-70 '51.
(MLRA 9:10)

(Elastic plates and shells)

AKHVLEDIANI, N.V.; SHAISHMELASHVILI, V.N.; ZAVRIEV, K.S., deystvitel'nyy chlen.

Estimating the supporting power of shells. Soob.AN Gruz.SSR 13 no.10:595-601 '52.
(MLRA 6:5)

1. Akademiya Nauk Gruzinskoy SSR. Institut stroitel'nogo dela, Tbilisi (for Akhvlediani, Shashmelashvili). 2. Akademiya Nauk Gruzinskoy SSR (for Zavriev).
(Strains and stresses)

ONIASHVILI, O.D.; SHAISHMELASHVILI, V.N.; DZHABUA, A.A.; SIRANGULYAN, V.V.

Experimental testing of the rigidity of a cylindrical envelope [in Georgian with summary in Russian]. Trudy Inst. stroi. dela AN Gruz. SSR 4:69-71 '53.   (MLRA 9:10)

(Floors, Concrete) (Elastic plates and shells)

SOV/124-57-8-9308

Translation from: Referativnyy zhurnal. Mekhanika, 1957. Nr 8, p 107 (USSR)

AUTHOR: Shaishmelashvili. V. N.

TITLE: On Some Methods for the Design Calculation of Shallow Shells (O nekotorykh metodakh rascheta pologikh obolochek)

PERIODICAL: Tr. In-ta stroit. dela. AN GruzSSR, 1955, Vol 5, pp 21-54

ABSTRACT: The author describes four methods for the approximate solution of the differential equations of the bending of thin shallow shells: 1) A solution by the method of iteration of integral-differential equations equivalent to the initial differential equations of the bending of shells. The author describes in detail the procedure of the construction of an integral-differential equation for the unknown function of shell deflection, as well as the procedure of the calculation of the various approximations of the iteration method. 2) A solution by the method of iteration of the difference equations of the bending of shells. A difference equation is developed which within limits is equivalent to the integral-differential equation mentioned in the preceding paragraph, and the process of calculation of the various approximations is described. 3) An approximate solution of the initial difference equations of the bending

Card 1/2

On Some Methods for the Design Calculation of Shallow Shells   SOV/124-57-8-9308

of thin shallow shells based on the substitution of finite differences for the partial derivatives of one independent variable. The differential-difference equations obtained are solved in single series. 4) An approximate solution by the method of networks of difference equations equivalent to the initial differential equations of the problem. The author explains in detail the numerical solution by the network method of the problem of the bending of a shallow spherical shell clamped along the contour.

L. I. Balabukh

Card 2/2

SOV/124-57-4-4711

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 120 (USSR)

AUTHORS: Akhvlediani, N. V., Shaishmelashvili, V. N.

TITLE: On the Design of Doubly curved Shells in Accordance With Various Stages of Failure (K raschetu obolochek dvoyakoy krivizny po stadii razrusheniya)

PERIODICAL: Tr. In-ta stroit. dela AN GruzSSR, 1955, Vol 5, pp 61-71

ABSTRACT: The authors examine the loss of carrying capacity occurring in doubly-curved rectangular (in plan view) shells under the action of vertical symmetrical loading. The system of the formation of plastic hinges was adopted on the basis of experimental data presented in the article. The solution is obtained with the aid of a kinematic method of computing the carrying capacity, which involves the setting up of equations for the work performed by the external and internal forces during displacements occurring as the system is converted into a set of kinematic linkages. The authors point out the error introduced by N. F. Frolov (Experimental Investigation of Lancet Arch Made of Brick. Materials and Design in Modern Architecture. Izd-vo Akad. Arkh. SSSR, 1948, Nr 2) in the process of setting up the equations of work.

Card 1/2

SOV/124-57-4-4711

On the Design of Doubly-curved Shells in Accordance With Various Stages of Failure

A brief summary of the article discussed above is given in the reports of the Academy of Sciences, Georgian SSR, 1952, Vol 13, Nr 10.

D. D. Ivlev

Card 2/2

124-58-9-10298

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 128 (USSR)

AUTHOR: Shaishmelashvili, V. N.

TITLE: The Stripwise Calculation Method of Rectangular Plates (Raschet pryamougol'nykh plit metodom polos)

PERIODICAL: Tr. In-ta stroit. dela AN GruzSSR, 1957, Vol 6, pp 35-49

ABSTRACT: Description of a method for the calculation of plates by means of the straight-line strip analysis (ref. Kantorovich, L. V., Izv. AN SSSR, 1933, Nr 5; Slobodyanskiy, M.G., Prikl. matem. i mekhan., 1939, Vol 7, Nr 1). This method affords a means for reducing the biharmonic equation of the problem to a system of ordinary differential equations. For the solution of these equations in the case of plates that are pin-jointed at the ends of the strips and arbitrarily clamped at the other edges, Fourier series are applied; a variational method is applied for arbitrary boundary conditions at the ends of the strips. The problem of an orthotropous plate is examined for the case of pin-jointed supports at the ends of the strips.
1. Plates--Mathematical analysis

Card 1/1   P. M. Varvak

SHAISHMELASHVILI, K.M.

Calculation of hollow shells by the strip method.   Soob. AN
Gruz.SSR 18 no.2:197-204 F '57.   (MIRA 10:7)

1. Akademiya nauk Gruzinskoy SSR, Institut stroitel'nogo dela,
Tbilisi. Predstavleno akademikom K.S. Zavriyevym.
                  (Elastic plates and shells)

SHAISHMELASHVILI, V.N.

Approximate designing of slanting shells. Trudy Inst.stroi.
dela AN Gruz.SSR. 7:39-45 '59.   (MIRA 13:5)
          (Elastic plates and shells)

SHAISHMELASHVILI, V.N.

Simplified design of convex reinforced concrete shells.   Trudy
Inst.stroi.dela AN Gruz.SSR 8:3-16 '60.   (MIRA 14:10)
                    (Roofs, Shell)

L 16879-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/EWP(k)/EWA(h) Pf-4/Peb EM
ACCESSION NR: AR4045238 S/0124/64/000/007/V010/V010

SOURCE: Ref. zh. Mekhanika, Abs. 7V75

AUTHOR: Shaishmelashvili, V.N.

TITLE: The analysis of tapered shells by the band method

CITED SOURCE: Tr. In-ta stroit. mekhan. i seysmostoykosti AN GruzSSR, v. 9, 1963, 31-35

TOPIC TAGS: shell, tapered shell, moment theory, band analysis

TRANSLATION: From the conventional system of two differential equations of the technical moment theory of thin shells, a system of integro-differential difference equations is derived. The difference arrangement is taken according to one of the coordinates by breaking down the shell surface into a series of bands. The solution of the system so obtained requires that the action functions of unit effects be known for the individual bands. In the case of shells with a high degree of slope, one may use the functions of plates which have corresponding boundary functions as the action functions. V.V. Kabanov.

Card 1/2

L 16879-65
ACCESSION NR: AR4045238

SUB CODE: AS   ENCL: 00

Card 2/2

94-58-6-3/19

AUTHORS: Shak, M. L., Engineer and Markevich, V. M., Engineer

TITLE: Operating Experience with a Needle-type Recuperator
(Opyt ekspluatatsii igol'chatogo rekuperatora)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 6, pp 8-9 (USSR)

ABSTRACT: The article describes a flue gas air heater, or recupera-
tor, installed on a furnace in the seamless pipe shop.
The recuperator was made by the Verkhne-Ufaleysk
foundry and mechanical works and was put into service
in March, 1951. The recuperator employs cross counter-
flow of flue gas and air, as shown in the sketch, air
flow in the tubes is horizontal and perpendicular to the
flow of flue gas. The air is delivered at the rate of
9000 m^3/hr at a pressure of 600 mm water. The furnace
is fired with a mixture of coke and blast furnace gas
with a calorific value of 1800 kcal/m^3. The recuperator
cools the gas from 700°C to about 400°C, heating of the
air is not allowed to exceed 360°C. The construction
of the recuperator is very briefly described, it is made
of silicon iron. The equipment has been in continuous
operation for six years and requires little maintenance
Card 1/2 beyond occasional cleaning and blowing down with

Operating Experience with a Needle-type Recuperator   94-58-6-3/19

compressed air. Air temperatures are checked by the
Works' laboratory. When the recuperator is getting
dirty the air is only heated to 280°C and the air
resistance increases from 4 to 16 mm water. The use of
this equipment has resulted in very great economies. it
would be better if it were possible to heat the air to
a higher temperature.
There is one figure.

ASSOCIATION: Dnepropetrovskiy truboprokatnyy zavod imeni Lenina
(Dnepropetrovsk Pipe Works imeni Lenin)

Card 2/2   1. Furnaces - Equipment   2. Heaters - Applications

SHAK, M.L.

Efficient use of electric at pipe mills. Prom. energ. 15 no.12:
8-10 D '60.   (MIRA 13:12)
        (Pipe mills)   (Electric power)

SHAKA, N.K.

Combining services in city communications offices. Vest. sviazi
17 no.4:18-19 Ap '57.   (MLRA 10:5)

1. Pomoshchnik machal'nika Dzerzhinskoy kontory svyazi goroda
Moskvy.
          (Moscow--Telecommunication)

SHAKA, N.K.

Communications department of Moscow University. Vest. sviazi 21
no.12:28-29 D '61.   (MIRA 14:12)

1. Nachal'nik 234-go gorodskogo otdeleniya svyazi Moskvy.
                        (Postal service)

SHAKALOV, K. Y. /K. I./ Chair of Surgery & Physiotherapy, Leningrad Vet. Inst.

"Peat-mud Therapy of Wounds of Horses"

"Bolezni Loshadey" (Equine Diseases), Sbornik Rabot (Collection of Work), Ogiz-Sel'khozgiz, 1947

A collection of works on epizootiology, surgery, therapy and laboratory and clinical practice in the treatment of equine diseases. In the majority of cases, previously publish-ed in the journal Veterinariya or in one of the manuals issued by the Veterinary Admin. of the Armed Forces USSR.

Compiled by A. Yu. Branzburg and A. Ya. Shapiro, under Editorship of A. M. Laktionova, State Press for Agric. Lit.

-W-9922, 1 May 1950 p 3   m

ShAFALOV, F.I.

23546.   FIZICheSKIYe METODY LeChENIYa RAN U LOShADEY. SBoRNIK
NAUCh. TRUDOV (LENINGR. VeT. IN-T), VYP. 10, 1949,
C. 95-110

SO: LeTOPIS NO. 31, 1949.

SHAKALOV, K. I.

23547.   BIOLOGICHESKIYe DANNYYe O DEYSTVII UL'TRAFIOLETOVYKh LUChEY NA
           KOZhU LOSHADEY. SBORNIK NAUCh. TRUDOV (LENINGR. VET. IN-T),
           VYP. 10, 1949, C. 111-28

           SC: LETOPIS KO. 31, 1949.

SHAKALOV, K.I.   (Prof)

Author of a book "Diseases of the Extremities of Horse" pub. in 1949.
The department of general and special surgery of the Leningrad Veterinary
Institute, headed by professor K. I. Shakalov, has been for over 10 years
occupied with a complex study of the diseases of the extemities of horses.
SO: Veterinariya; Vol. 27; No. 4; 61-63; April 1950
Trans. # 266(?) by L. Lulich

SHAKALOV, K. I.

Chastnaia khirugiia domashnikh zhivotnykh /Local surgery on domestic animals/. Moskva,
Sel'khozgiz, 1952.   712 p

SO: Monthly List of Russian Accessions, Vol 6 No 8 November 1953

SHAKALOV K. I. (Prof.) and PASHESKII I. V. (Prof.), GOLOSHTANOVA N. N.
PORKOV I. A. (Prof.), SIDEV A. V. (Prof.), SHERIKAR, V. S. (Prof.)

Veterinary's Guide   Moscow, 1953

SHARIOV, K. I., (Prof.), Dr. of Vet Sci nces, SHVETSOV, I. E. (Prof.),

MEDVEDEV, I. D. Dr., (Prof.), LUKANOROV, V. A. (Dotchent)

Vet Special Surgery (Guide for Faculties & Institutes), Moscow-Leningrad, 1954

SHAKALOV, Karp Iovich, professor, doktor veterinarnykh nauk; POVAZHENKO,
Ivan Yemel'yanovich, professor, zasluzhennyy deyatel' nauki,
doktor veterinarnykh nauk; MEDVEDEV, Ivan Dmitreyevich, professor,
doktor veterinarnykh nauk; NIKANOROV, Vasiliy Alekseyevich,
dotsent, doktor veterinarnykh nauk; RED'KIN, I.Ye., redaktor;
CHUNAYEVA, Z.V., tekhnicheskiy redaktor

[Specialized veterinary surgery] Chastnaia khirurgiia domashnikh
zhivotnykh. Izd. 2-oe, perer. Moskva, Gos. izd-vo selkhoz. lit-ry,
1956. 360 p.   (MLRA 9:8)

1. Kiyevskiy veterinarnyy institut (for Povazhenko)   2. Moskovskaya
veterinarnaya akademiya (for Medvedev) 3. Leningradskiy veterinarnyy
institut (for Shakalov, Nikanorov)
        (Veterinary surgery)

SHAKALOV, Karp Iovich, prof., doktor veterinarnykh nauk; GOL'DSHTEYN, S.A.,
red.; CHUNAYEVA, Z.V., tekhn.red.

[Pathogenetic therapy in diseases of animals] Patogeneticheskaia
terapiia zabolevanii zhivotnykh. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1957. 317 p.   (MIRA 10:12)
                        (Veterinary medicine)